

Emissions Intensity Reduction - Summary Plan

Background Information

Batchfire Resources Pty Ltd's business and mineplan targets 10 Mtpa RoM coal production, and consists of:

- Two (2) draglines and typically eight (8) large hydraulic excavator fleets
- No coal wash plant
- Life of Mine (LoM) plan beyond 2040

Emissions Intensity Reduction

Batchfire's Callide Mine generates the majority of its covered emissions through the combustion of diesel in mining equipment. It has negligible fugitive emissions due to the geological nature of the coal deposit; these contribute on average 1% of the total Scope 1 emissions. As a result, there is no opportunity to reduce emissions from that source.

Callide Mine will reduce its emissions by targeting efficiencies in diesel consumption and electrification of selected current diesel-powered assets where economically practical. Critical drivers of diesel efficiency improvements in the plan include:

1. Completing higher strip ratio boxcuts and transitioning the mine plan into its next phase;
 - a. Increasing the dragline proportion of overburden removal in critical mining areas;
 - b. Increasing in-pit dumping to optimise and reduce haul elevation and lengths; and
 - c. Constructing a new haul road and intermediate ROM stockpile areas to optimise coal haulage from mining areas to coal handling plants;
2. Fleet renewal program:
 - a. Replacing older, smaller, and less efficient mechanical drive trucks with modern, fuel efficient electric-mechanical drive trucks;
 - b. Upgrading the electric drive systems on the larger dragline; and
 - c. Replacing diesel hydraulic excavators with new electric hydraulic units.
3. Reducing the excavator pre-strip fleet from eight (8) dig units to seven (7);
4. Construction of a new overland conveyor to remove trucks from the coal haulage fleet for the northern Boundary Hill operations.

Batchfire Resources is a modern, privately owned transitional energy business producing energy coal from the Callide Mine located in the Callide Basin. As a large emitter Batchfire Resources is committed to reducing emissions to meet or exceed our Safeguard requirements while responsibly producing ultra-low fugitive emission, low impurity, energy coal for domestic electricity generation, mineral processing, and export energy markets.
